10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

RNASEH2B Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP4774c

Specification

RNASEH2B Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q5TBB1

RNASEH2B Antibody (Center) Blocking Peptide - Additional Information

Gene ID 79621

Other Names
Ribonuclease H2 subunit B, RNase H2 subunit B, Aicardi-Goutieres syndrome 2 protein, AGS2, Deleted in lymphocytic leukemia 8, Ribonuclease HI subunit B, RNASEH2B, DLEU8

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

RNASEH2B Antibody (Center) Blocking Peptide - Protein Information

Name RNASEH2B

Synonyms DLEU8

Function
Non catalytic subunit of RNase H2, an endonuclease that specifically degrades the RNA of RNA:DNA hybrids. Participates in DNA replication, possibly by mediating the removal of lagging-strand Okazaki fragment RNA primers during DNA replication. Mediates the excision of single ribonucleotides from DNA:RNA duplexes.

Cellular Location
Nucleus.

Tissue Location
Widely expressed..

RNASEH2B Antibody (Center) Blocking Peptide - Protocols

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

RNASEH2B Antibody (Center) Blocking Peptide - Images

RNASEH2B Antibody (Center) Blocking Peptide - Background

RNASEH2B is composed of a single catalytic subunit (A) and two non-catalytic subunits (B and C) and specifically degrades the RNA of RNA:DNA hybrids. RNASEH2B is the non-catalytic B subunit of RNase H2, which is thought to play a role in DNA replication.

RNASEH2B Antibody (Center) Blocking Peptide - References

Crozat, K., et al. Immunol. Rev. 227(1):129-149(2009)Chon, H., et al. Nucleic Acids Res. 37(1):96-110(2009)Crow, Y.J., et al. Dev Med Child Neurol 50(6):410-416(2008)